

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

22

Application Number

10/775,465

Filing Date

10 February 2004

First Named Inventor

Shivshankar Sundaram

Art Unit

Issue Fee

Examiner Name

Reviewer Son Lam, Draftsperson

Attorney Docket Number

N9136

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/
Incomplete ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

☐ Landscape Table on CD

After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):

Remarks

Replacement Sheets to Correct Drawings in Response to Notice of Allowance
and Notice of Draftsperson's Patent Drawing Review

Issue and Publication Fees

Copies of Notices of Allowance and Draftsperson's Review

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

CFD Research Corporation

Signature

Printed name

Tomas Friend

Date

01 August 2006

Reg. No.

54,789

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

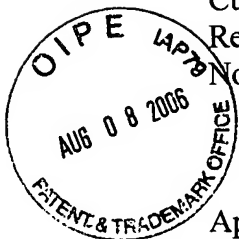
Tomas Friend

Date

01 August 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Customer No. 000053371

Responsive to Notice of Allowance, Drawings

Notice of Allowance Mailed 26 June 2006

Application Serial No. 10/775,465

Sundaram

Docket No.: N9136

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/775,465
Applicant: Shivshankar Sundaram
Filed: 10 February 2004
TC/A.U.: Issue
Examiner: Amadeus Lopez
Attorney's Docket No.: N9136
Customer No.: 000053371

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: 01 August 2006

RESPONSE TO NOTICE OF ALLOWANCE

AND

NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

Sir:

In response to the Notice of Allowance mailed 26 June 2006, corrected drawings for FIGs. 1-13, 18, and 19 for the identified application are provided. The original drawings were identified by the Draftsperson as having poor line quality and/or solid black shading.

The replacement sheets are believed to correct the Draftsperson's objections. Additionally, typographical errors in FIGs 3 and 4 have been corrected. No new matter has been added. Please note that FIGs 18 and 19 were cancelled by Applicant on 01 August 2006 and therefore no replacement drawings for these Figures are provided.

Corrected Drawings begin on Page 3 of this communication.

Customer No. 000053371
Responsive to Notice of Allowance, Drawings
Notice of Allowance Mailed 26 June 2006

Application Serial No. 10/775,465
Sundaram
Docket No.: N9136

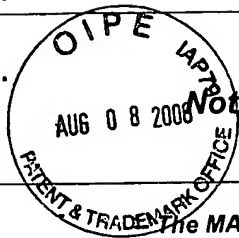
Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Tomas H.F. Friend", is written over a horizontal line.

Tomas H.F. Friend, Ph.D.
Registration No. 54,789
CFD Research Corporation
Customer No. 53371

AGENT FOR APPLICANT

Tomas H.F. Friend, Ph.D.
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Huntsville, AL 35805
256.726.4955



Notice of Allowability

Application No.

10/775,465

Examiner

Amadeus S. Lopez

Applicant(s)

SUNDARAM ET AL.

Art Unit

3743

The **MAILING DATE** of this communication appears on the cover sheet with the correspondence address--
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/05/2006.
2. ☒ The allowed claim(s) is/are 2-5, 7, 9-14, and 17-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

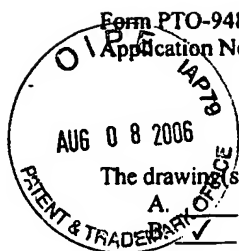
4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☒ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 6/21/2006.
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Henry Bennett
Supervisory Patent Examiner
Group 3700

Application No. 10/775465**NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW**The drawing(s) filed (insert date) 02/10/2004 are:A. ☒ approved by the Draftsperson under 37 CFR 1.84 or 1.152.☐ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).☐ Color drawings are not acceptable until petition is granted. Fig(s) _____☐ Pencil and non black ink not permitted. Fig(s) _____**2. PHOTOGRAPHS.** 37 CFR 1.84(b)☐ One (1) full-tone set is required. Fig(s) _____☐ Photographs may not be mounted. 37 CFR 1.84(c)☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____☐ Poor quality (half-tone). Fig(s) _____**3. TYPE OF PAPER.** 37 CFR 1.84(e)☐ Paper not flexible, strong, white, and durable.

Fig(s) _____

☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.

Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:☐ 21.0 cm by 29.7 cm (DIN size A4) or☐ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)☐ All drawing sheets not the same size.

Sheet(s) _____

☐ Drawings sheets not an acceptable size. Fig(s) _____**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s) _____☐ Top (T) _____ Left (L) _____☐ Right (R) _____ Bottom (B) _____**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly.

Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____**9. SCALE.** 37 CFR 1.84(k)☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1-13, 18, 19.**11. SHADING.** 37 CFR 1.84(m)☐ Solid black areas pale. Fig(s) _____☒ Solid black shading not permitted. Fig(s) 3, 4, 11, 12**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)☐ Numbers and reference characters not plain and legible. Fig(s) _____☐ Figure legends are poor. Fig(s) _____☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____**13. LEAD LINES.** 37 CFR 1.84(q)☐ Lead lines missing. Fig(s) _____**14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____**16. DESIGN DRAWINGS.** 37 CFR 1.152☐ Surface shading shown not appropriate.

Fig(s) _____

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____**COMMENTS:**Reviewer SON LAMDate 06/20/2006

If you have questions, call (703) 305-8404

Attachment to Paper No. _____

305-0333 (EXT. 133)